

=> b reg
 FILE 'REGISTRY' ENTERED AT 17:34:18 ON 06 AUG 2008
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 5 AUG 2008 HIGHEST RN 1038926-51-0
 DICTIONARY FILE UPDATES: 5 AUG 2008 HIGHEST RN 1038926-51-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

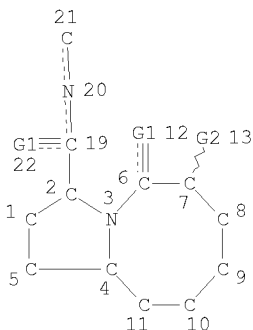
Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d que sta l7
 L5 STR

NH^Me Me^N^~Me
 @14 15 16 @17 18



VAR G1=O/S
 VAR G2=NH2/14/17
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE
 L7 4 SEA FILE=REGISTRY SSS FUL L5

100.0% PROCESSED 4089 ITERATIONS 4 ANSWERS
 SEARCH TIME: 00.00.01

=> b hcap
 FILE 'HCAPLUS' ENTERED AT 17:34:25 ON 06 AUG 2008
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
 held by the publishers listed in the PUBLISHER (PB) field (available
 for records published or updated in Chemical Abstracts after December
 26, 1996), unless otherwise indicated in the original publications.
 The CA Lexicon is the copyrighted intellectual property of the

the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 6 Aug 2008 VOL 149 ISS 6
FILE LAST UPDATED: 5 Aug 2008 (20080805/ED)

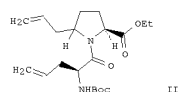
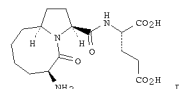
HCAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

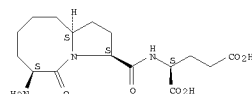
=> d bib abs hitstr 112 tot

L12 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on SIN
 AN 2006:657613 HCAPLUS
 DN 145:293325
 TI Synthesis of macrocyclic analogues of the neuroprotective agent
 glycy-L-prolyl-L-glutamic acid (GPE)
 AU Harris, Paul W. R.; Brimble, Margaret A.
 CS Department of Chemistry, University of Auckland, Auckland, N. Z.
 SO Organic & Biomolecular Chemistry (2006), 4(14), 2696-2709
 CODEN: OBCRAK; ISSN: 1477-0520
 PB Royal Society of Chemistry
 DT Journal
 LA English
 OS CASREACT 145:293325
 GI

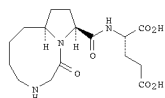
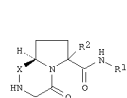


AB Seven macrocyclic analogs, e.g., I•TFA, of the neuroprotective
 tripeptide glycy-L-prolyl-L-glutamic acid (GPE) were prepared via Grubbs
 ring closing metathesis of an appropriate diene precursor, which was
 obtained from allyl-substituted amino acid building blocks, e.g., II (Boc
 = tert-butoxycarbonyl). Two of the macrocycles mimic the cis conformer of
 GPE, whereas the others, including I•TFA, mimic the trans conformer of
 GPE.
 IT 765313-71-1P 765313-87-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (synthesis of macrocyclic analogs of neuroprotective agent
 glycy-L-prolyl-L-glutamic acid via Grubbs ring closing metathesis)
 RN 765313-71-1 HCAPLUS
 CN L-Glutamic acid, N-([[(3S,6S,10aS)-6-aminodecahydro-5-oxopyrrolo[1,2-
 a]azocin-3-yl]carbonyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
 CM 1
 CRN 765313-70-0
 CMF C16 H25 N3 O6

Absolute stereochemistry.



L12 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on SIN
 AN 2004:817638 HCAPLUS
 DN 141:314630
 TI Preparation of neuroprotective macrocyclic compounds
 IN Harris, Paul W. R.; Brimble, Margaret Anne
 PA Neuronz Limited, N. Z.; Neuronz Biosciences, Inc.
 SO PCT Int. Appl., 106 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE
 WO--2004084809 A2 20041007 2004WO-US0008108 20040316
 WO--2004084809 A3 20050630
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DO, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, ME, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, UA, US, UG, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, ME, SD, SL, SZ, TE, UG, ZM, ZW, AM, AZ,
 BY, KG, KE, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LJ, MC, NL, PL, PT, RO, SE, SI,
 SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 TD, TG
 EP-----1648873 A2 20060426 2004EP-000757761 20040316
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
 JP--2006523213 T 20061012 2006JP-000507261 20040316
 US-20060217295 A1 20060928 2005US-000549951 20050920
 PRAI 2003US-0456136P P 20030320
 2003US-0505119P P 20030923
 2004WO-US0008108 W 20040316
 OS MARPAT 141:314630
 GI



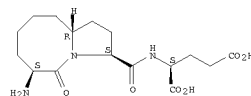
AB The invention relates to macrocyclic peptidomimetics, e.g., I [R1, R2 are
 H, OR', SR', NR'2, NO2, CN, C(O)R', C(O)OR', C(O)NR'2, C(NH)NR'2,
 trihalomethyl, halo, (un)substituted alkyl, heteroalkyl, alkenyl, alkynyl,
 aryl, heteroaryl, arylalkyl or heteroarylalkyl, where R' is H, alkyl,
 heteroalkyl, alkenyl, alkynyl, aryl, arylalkyl, heteroaryl or
 heteroarylalkyl; X is CO-C4 alkyl or alkenyl, or their
 pharmaceutically-acceptable salts that are neuroprotective and have
 utility as therapeutic agents for the treatment of diseases, injuries and
 other conditions characterized by neuronal degeneration and/or death.
 Thus, macrocyclic compound II TFA salt was prepared via cyclization of
 cis-N-(allyl(benzyloxycarbonyl)glycyl)-5-allylproline tert-Bu ester and
 assayed for biol. activity (neuronal survival in animals following
 excitotoxic oxidative stress and neuroprotective effects in a global model
 of brain ischemia).
 IT 765313-71-1P 765313-87-9P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (Preparation of neuroprotective macrocyclic compds.)
 RN 765313-71-1 HCAPLUS
 CN L-Glutamic acid, N-([[(3S,6S,10aS)-6-aminodecahydro-5-oxopyrrolo[1,2-
 a]azocin-3-yl]carbonyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
 CM 1

L12 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2008 ACS on SIN (Continued)
 CM 2
 CRN 76-05-1
 CMF C2 H F3 O2



RN 765313-87-9 HCAPLUS
 CN L-Glutamic acid, N-([[(3S,6S,10aR)-6-aminodecahydro-5-oxopyrrolo[1,2-
 a]azocin-3-yl]carbonyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
 CM 1
 CRN 765313-86-8
 CMF C16 H25 N3 O6

Absolute stereochemistry.



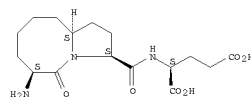
CM 2
 CRN 76-05-1
 CMF C2 H F3 O2



RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on SIN (Continued)
 CRN 765313-70-0
 CMF C16 H25 N3 O6

Absolute stereochemistry.

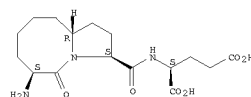


CM 2
 CRN 76-05-1
 CMF C2 H F3 O2



RN 765313-87-9 HCAPLUS
 CN L-Glutamic acid, N-([[(3S,6S,10aR)-6-aminodecahydro-5-oxopyrrolo[1,2-
 a]azocin-3-yl]carbonyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
 CM 1
 CRN 765313-86-8
 CMF C16 H25 N3 O6

Absolute stereochemistry.



CM 2
 CRN 76-05-1
 CMF C2 H F3 O2



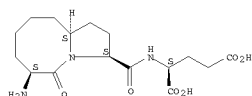
```
=> b uspatall
FILE 'USPATFULL' ENTERED AT 17:34:40 ON 06 AUG 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 17:34:40 ON 06 AUG 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 17:34:40 ON 06 AUG 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> d bib abs hitstr 114 tot
```

L14 ANSWER 1 OF 1 USPATFULL on STN
AN 2006:54839 USPATFULL
TI Neuroprotective macrocyclic compounds and methods for their use
IN Harris, Paul William Richard, Auckland, NEW ZEALAND
Brimble, Margaret Anne, Auckland, NEW ZEALAND
PA NEUREN PHARMACEUTICALS LTD., Auckland, NEW ZEALAND (non-U.S. corporation)
PI US-20060217295 A1 20060928
AI 2004US-000549951 A1 20040316 (10)
2004WO-US0008108 20040316
PPAI 2003US-000456136P 20030320 (60) PCT 371 date
2003US-000505119P 20030923 (60)
DT Utility
FS APPLICATION
LREP ELIESER MEYER, LLP, FOUR EMBARCADERO CENTER, SUITE 400, SAN FRANCISCO, CA, 94111, US
CLMN Number of Claims: 36
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 2932
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Embodiments of this invention provide novel peptidomimetics that contain a macrocycle. Such compounds are neuroprotective and have utility as therapeutic agents for treatment of diseases, injuries and other conditions characterised by neuronal degeneration and/or death. Compounds are also useful for manufacture of medicaments useful for treatment of such conditions.
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 765313-71-1P 765313-87-9P
(preparation of neuroprotective macrocyclic compds.)
RN 765313-71-1 USPATFULL
CN L-Glutamic acid, N-([[(3S,6S,10aS)-6-aminodecahydro-5-oxopyrrolo[1,2-ajazocin-3-yl]carbonyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
CM 1
CPN 765313-70-0
CMF C16 H25 N3 O6
Absolute stereochemistry.

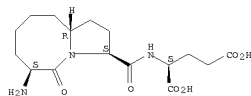


CM 2
CPN 76-05-1
CMF C2 H F3 O2



RN 765313-87-9 USPATFULL
CN L-Glutamic acid, N-([[(3S,6S,10aR)-6-aminodecahydro-5-oxopyrrolo[1,2-ajazocin-3-yl]carbonyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

L14 ANSWER 1 OF 1 USPATFULL on STN (Continued)
CM 1
CPN 765313-86-8
CMF C16 H25 N3 O6
Absolute stereochemistry.



CM 2
CPN 76-05-1
CMF C2 H F3 O2



=> d his

(FILE 'HOME' ENTERED AT 17:26:16 ON 06 AUG 2008)

FILE 'HCAPLUS' ENTERED AT 17:26:41 ON 06 AUG 2008

L1 1 US20060217295 /PN

FILE 'REGISTRY' ENTERED AT 17:26:49 ON 06 AUG 2008

FILE 'HCAPLUS' ENTERED AT 17:26:55 ON 06 AUG 2008

L2 TRA L1 1- RN : 107 TERMS

FILE 'REGISTRY' ENTERED AT 17:26:55 ON 06 AUG 2008

L3 107 SEA L2

L4 12 L3 AND NC4-NC7/ES

L5 STR

L6 0 L5

L7 4 L5 FULL

L8 2 L7 AND L3

L9 2 L7 NOT L8

FILE 'HCAOLD' ENTERED AT 17:33:28 ON 06 AUG 2008

L10 0 L8

L11 0 L9

FILE 'HCAPLUS' ENTERED AT 17:33:33 ON 06 AUG 2008

L12 2 L8

L13 0 L9

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 17:33:40 ON 06 AUG 2008

L14 1 L8

L15 0 L9

=>